

Pittosporum sylvaticum

Assessment by: Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

Taxon Name: *Pittosporum sylvaticum* Guillaumin

Taxonomic Source(s):

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Assessment Information

Red List Category & Criteria: Vulnerable D1 [ver 3.1](#)

Year Published: 2017

Date Assessed: July 23, 2015

Justification:

Endemic shrub or tree of New Caledonia which can reach 10 m height, *Pittosporum sylvaticum* is located in southern Grande Terre in the area : Mont Mou, Monts Koghis, and vallée de la Thy. Species of dense humid forest and forest edges, *P. sylvaticum* is most of the time found on schist and sometimes on ultramafic substrates at an altitudinal range 200-900 m asl. Its area of occupancy and its extent of occurrence are equal to 16 and 38 km² respectively. *Pittosporum sylvaticum* does not seem affected by any threats. Nevertheless, with a total population estimated to be fewer than 1,000 mature individuals, this taxon is not common. Using criteria D, *P. sylvaticum* qualifies for listing as Vulnerable (VU) D1.

Geographic Range

Range Description:

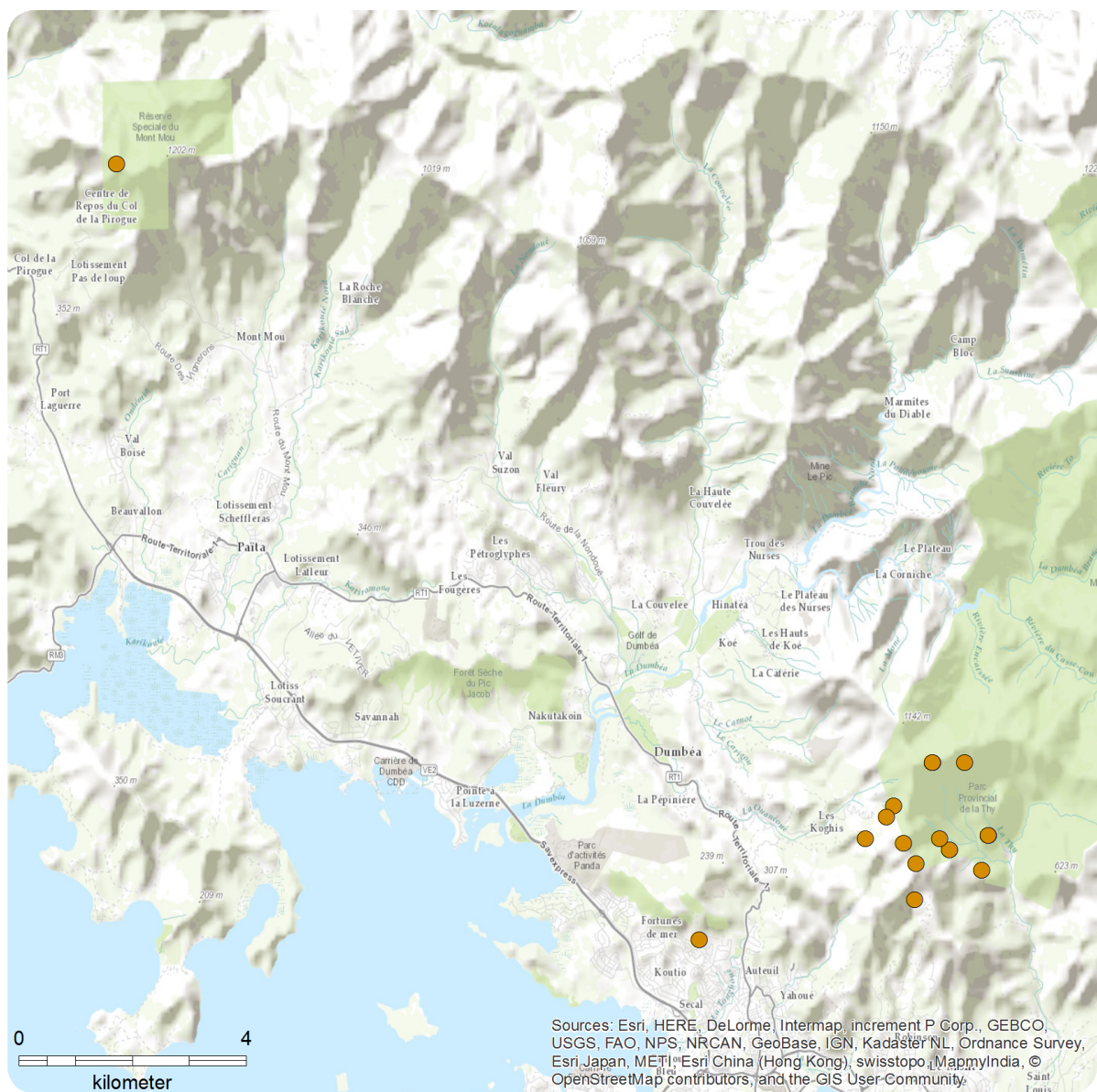
Endemic shrub or tree of New Caledonia which can reach 10 m height, *Pittosporum sylvaticum* is located in southern Grande Terre in the area : Mont Mou, Monts Koghis, and vallée de la Thy.

Country Occurrence:

Native: New Caledonia

Distribution Map

Pittosporum sylvaticum

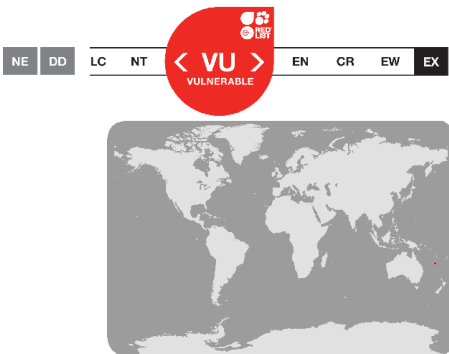


Range

- Extant (resident)

Compiled by:

IUCN SSC New Caledonia Plants RLA



Population

Based on its distribution, total population is estimated to be fewer than 1,000 mature individuals.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

Species of dense humid forest and forest edges, *Pittosporum sylvaticum* is most of the time found on schist and sometimes on ultramafic substrates at an altitudinal range 200-900 m asl.

Systems: Terrestrial

Threats

Pittosporum sylvaticum does not appear affected by any kind of threat in particular.

Conservation Actions (see Appendix for additional information)

Unprotected species, *Pittosporum sylvaticum* is nevertheless known from two protected areas managed by Province Sud: la réserve naturelle du Mont Mou and la réserve naturelle de la Vallée de la Thy. Despite several inventories of réserve naturelle du Mont Mou, this species has not been found again since the last collection by Guillaumin. It would be advisable to survey this area, in particular the northwest zone of Mont Mou.

Credits

Assessor(s): Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.

Reviewer(s): Tanguy, V.

Facilitators(s) and Compiler(s): Chanfreau, S.

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Endemia.nc. 2016. Faune et Flore de Nouvelle-Calédonie. Available at: <http://www.endemia.nc>.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: www.iucnredlist.org. (Accessed: 7 December 2017).

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Citation

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External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.6. Forest - Subtropical/Tropical Moist Lowland	-	Suitable	-

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.2. Population size, distribution & trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 28
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 79
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: No
Extreme fluctuations in the number of locations: No

Distribution
Lower elevation limit (m): 200
Upper elevation limit (m): 900
Population
Number of mature individuals: 250-999
Continuing decline of mature individuals: No
Extreme fluctuations: No
Population severely fragmented: No
No. of subpopulations: 2
Extreme fluctuations in subpopulations: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No
Generation Length (years): 0

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